

# LED TV

## user manual

Figures and illustrations in this User Manual are provided for reference only and may differ from actual product appearance. Product design and specifications may be changed without notice.

### Still image warning

Avoid displaying still images (live (peg picture files) or still image element (like TV programme logo, panorama or 4:3 image format, stock or news bar at screen bottom etc.) on the screen. Constant displaying of still picture can cause ghosting of LED screen, which will affect image quality. To reduce risk of this effect, please follow below recommendations:

- Avoid displaying the same TV channel for long periods.
- Always try to display any image on full screen, use TV set picture format menu for best possible match.
- Reduce brightness and contrast values to minimum required to achieve desired picture quality, exceeded values may speed up the burnout process.
- Frequently use all TV features designed to reduce image retention and screen burnout, refer to proper user manual section for details.

### For India Only

This product is RoHS compliant.

Correct Disposal of This Product (Waste Electrical & Electronic Equipment)  
This marking on the product & accessories literature indicates that the product and its electronic accessories (e.g. charger, headset, USB cable) should not be disposed of with other household waste at the end of their working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate these items from other types of waste and recycle them responsibly to promote the sustainable reuse of material resources. House hold users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take these items for environmentally safe recycling. Business user should contact their supplier and check the terms and conditions of the purchase contract. This product and its electronic accessories should not be mixed other commercial wastes for disposal.

For more information on safe disposal and recycling visit our website [www.samsung.com/in](http://www.samsung.com/in) or contact our helpline number - 18002668282, 18003008282


For personal and non-commercial use only.  
Usage is subject to following the guidelines in the User Manual and may not be available in all regions.




BN68-05733J-11

Country	Customer Care Centre ☎	Web Site
AUSTRALIA	1300 362 603	<a href="http://www.samsung.com/au/support">www.samsung.com/au/support</a>
NEW ZEALAND	0800 SAMSUNG (0800 726 786)	<a href="http://www.samsung.com/nz/support">www.samsung.com/nz/support</a>
CHINA	400-810-5858	<a href="http://www.samsung.com/cn/support">www.samsung.com/cn/support</a>
HONG KONG	(852) 3698 4698	<a href="http://www.samsung.com/hk/support">www.samsung.com/hk/support</a>
INDIA	1800 3000 8282 - Toll Free 1800 266 8282 - Toll Free	<a href="http://www.samsung.com/in/support">www.samsung.com/in/support</a>
INDONESIA	0800112888 021-56997777	<a href="http://www.samsung.com/id/support">www.samsung.com/id/support</a>
JAPAN	0120-327-527	<a href="http://www.samsung.com/jp/support">www.samsung.com/jp/support</a>
MALAYSIA	1800-88-9999	<a href="http://www.samsung.com/my/support">www.samsung.com/my/support</a>
PHILIPPINES	1-800-10-7267864 [PLDT] 1-800-8-7267864 [Globe landline and Mobile] 02-4222111 [Other landline]	<a href="http://www.samsung.com/ph/support">www.samsung.com/ph/support</a>
SINGAPORE	1800-SAMSUNG (726-7864)	<a href="http://www.samsung.com/sg/support">www.samsung.com/sg/support</a>
THAILAND	0-2689-3232 1800-29-3232	<a href="http://www.samsung.com/th/support">www.samsung.com/th/support</a>
TAIWAN	0800-32-9999	<a href="http://www.samsung.com/tw/support">www.samsung.com/tw/support</a>
VIETNAM	1 800 588 889	<a href="http://www.samsung.com/vn/support">www.samsung.com/vn/support</a>
GEORGIA	0-800-555-555	<a href="http://www.samsung.com/ge/support">www.samsung.com/ge/support</a>
ARMENIA	0-800-55-555	<a href="http://www.samsung.com/arm/support">www.samsung.com/arm/support</a>
AZERBAIJAN	088-55-55-55	<a href="http://www.samsung.com/az/support">www.samsung.com/az/support</a>
UZBEKISTAN	8-10-800-500-55-500	<a href="http://www.samsung.com/uz/support">www.samsung.com/uz/support</a>
KYRGYZSTAN	8-10-800-500-55-500	<a href="http://www.samsung.com/kg/support">www.samsung.com/kg/support</a>
TADJIKISTAN	8-10-800-500-55-500	<a href="http://www.samsung.com/tj/support">www.samsung.com/tj/support</a>
MONGOLIA	+7-800-555-55-55	<a href="http://www.samsung.com/mn/support">www.samsung.com/mn/support</a>
BELARUS	810-800-500-55-500	<a href="http://www.samsung.com/by/support">www.samsung.com/by/support</a>
MOLDOVA	0-800-614-40	<a href="http://www.samsung.com/md/support">www.samsung.com/md/support</a>
ALGERIA	021 36 11 00	<a href="http://www.samsung.com/dz/support">www.samsung.com/dz/support</a>
PAKISTAN	0800-Samsung (72678)	<a href="http://www.samsung.com/pk/support">www.samsung.com/pk/support</a>
TUNISIA	80-1000-12	<a href="http://www.samsung.com/tn/support">www.samsung.com/tn/support</a>


## Important Safety Instructions

**Warning! Important Safety Instructions**  
(Please read the safety instructions below before installing and using the product.)

**CAUTION**  
RISK OF ELECTRIC SHOCK: DO NOT OPEN  
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). THERE ARE NO USER SERVICEABLE PARTS INSIDE. REFER ALL SERVICING TO QUALIFIED PERSONNEL.



This symbol indicates that high voltage is present inside. It is dangerous to make any kind of contact with any internal part of this product.



This symbol indicates that important literature concerning operation and maintenance has been included with this product.

- The slots and openings in the cabinet and in the back or bottom are provided for necessary ventilation. To ensure reliable operation of this apparatus, and to protect it from overheating, these slots and openings must never be blocked or covered.
  - Do not cover the slots and openings with a cloth or other materials.
  - Do not place this apparatus in a confined space, such as a bookcase or built-in cabinet, unless proper ventilation is provided.
- Do not place this apparatus near or over a radiator or heat register, or where it is exposed to direct sunlight.
- Do not place a vessel containing water (vase etc.) on this apparatus, as this can result in a risk of fire or electric shock.
- Do not expose the apparatus to rain or place it near water (near a bathtub, washbowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool etc.). If this apparatus accidentally gets wet, unplug it and contact an authorized dealer immediately.
- Make sure to pull out the power cord from the outlet before cleaning.
- This apparatus uses batteries. In your community, there might be regulations that require you to dispose of these batteries properly to protect the environment. Please contact your local authorities for disposal or recycling information.
- Do not overload wall outlets, extension cords, or adapters beyond their capacity, since this can result in fire or electric shock.
- Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them. Pay particular attention to cords at the plug end, where connected to adapters, and at the point where they exit from the apparatus.
- To protect this apparatus from a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the set due to lightning and power line surges.
- Before connecting the AC power cord to the DC adaptor outlet, make sure the voltage designation of the DC adaptor corresponds to the local electrical supply (depending on the model).
- Never insert anything metallic into the open parts of this apparatus. Doing so may create a danger of electric shock.
- To avoid electric shock, never touch the inside of this apparatus. Only a qualified technician should open this apparatus.
- Make sure to plug the power cord in until it is firmly inserted. Pull on the plug, not the cord, when removing the power cord from the outlet. Do not touch the power cord with wet hands.
- If this apparatus does not operate normally - in particular, if there are any unusual sounds or smells coming from it - unplug it immediately and contact an authorized dealer or service center.
- Be sure to pull the power plug out of the outlet if the TV is to remain unused or if you are to leave the house for an extended period of time (especially when children, elderly or disabled people will be left alone in the house).
  - Accumulated dust can cause an electric shock, an electric leakage, or a fire by causing the power cord to generate sparks and heat, or cause the insulation to deteriorate.
- Be sure to contact an authorized service center, when installing your set in a location with heavy dust, high or low temperatures, high humidity, chemical substances or where it will operate for 24 hours a day such as in an airport, a train station, etc. Failure to do so may cause serious damage to your set.
- Use only a properly grounded plug and receptacle.
  - An improper ground may cause electric shock or equipment damage. (Class I Equipment only.)
- To turn off the apparatus completely, you must pull the power plug out of the wall socket. Consequently, the power plug should be readily accessible at all times.
- Do not allow children to hang onto the product.
- Store the accessories (batteries, etc.) in a location safely out of the reach of children.
- Do not install the product in an unstable location such as a shaky shelf, a slanted floor, or a location exposed to vibration.
- Do not drop or impact a shock to the product. If the product is damaged, disconnect the power cord and contact a service center.
- To clean the product, unplug the power cord from the power outlet and wipe the product using a soft, dry cloth. Do not use any chemicals such as wax, benzene, alcohol, thinners, insecticides, air freshener, lubricant or detergent. This may damage the appearance or erase the printing on the product.
- Do not expose the apparatus to dripping or splashing.
- Do not dispose of batteries in a fire.
- Do not short circuit, disassemble, or overheat the batteries.
- Do not short circuit, disassemble, or overheat the batteries.
- There is a danger of explosion if you replace the batteries with the wrong type of battery. Replace only with the same or equivalent type.
- WARNING - TO PREVENT THE SPREAD OF FIRE, KEEP CANDLES OR OTHER OPEN FLAMES AWAY FROM THIS PRODUCT AT ALL TIMES.

## Changing the Input Source

### Source List

Use to select TV or other external input sources such as DVD / Blu-ray players / cable box / STB satellite receiver connected to the TV.

1. Press the SOURCE button.
2. Select a desired external input source.

### ■ TV / AV / Component / HDMI1 / HDMI2/DVI

You can only choose external devices that are connected to the TV. In the Source List, connected inputs will be highlighted.

## How to use Edit Name

Edit Name lets you associate a device name to an input source. To access **Edit Name**, enter **Source** menu and select **Edit Name**. Name the device connected to the input jacks to make your input source selection easier.

- When connecting a PC to the HDMI IN 2 (DVI) port with HDMI cable, you should set the TV to **PC mode** under **Edit Name**.
- When connecting a PC to the HDMI IN 2 (DVI) port with HDMI to DVI cable, you should set the TV to **DVI PC mode** under **Edit Name**.
- When connecting an AV device to the HDMI IN 2 (DVI) port with HDMI to DVI cable, you should set the TV to **DVI mode** under **Edit Name**.

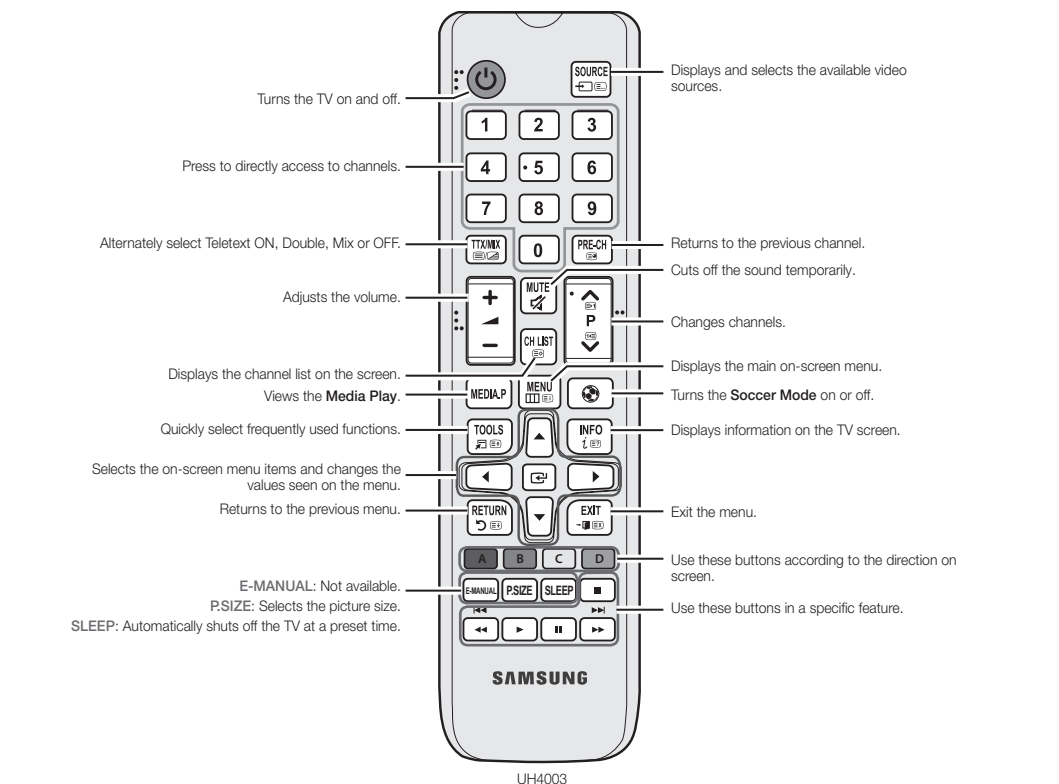
### Information

Press INFO (i) button, you can see detailed information about the selected external device.

- Information only available for the current connected source.

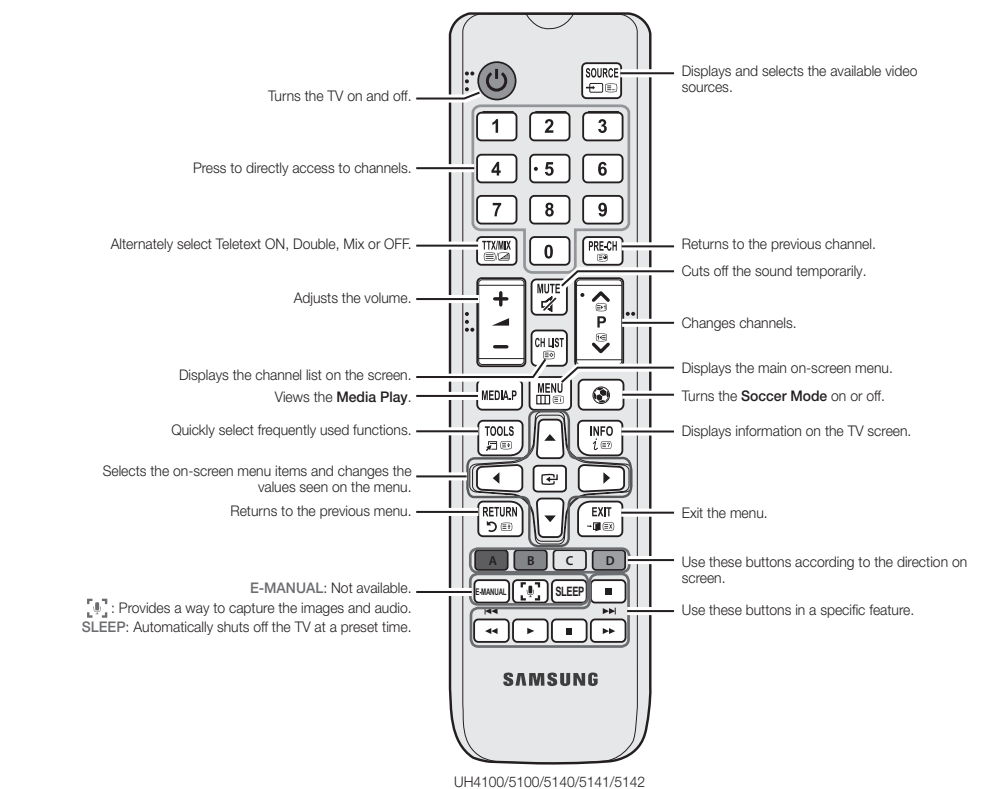
## Remote Control

This remote control has Braille points on the Power, Channel, and Volume buttons and can be used by visually impaired persons.



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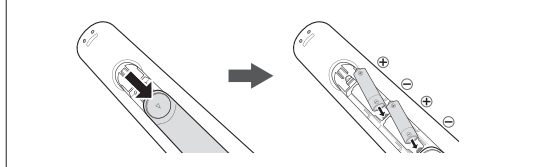


## Display Modes (HDMI/DVI Input)

Optimal resolution  
4 series: 1366 x 768@60Hz / 5 series: 1920 x 1080@60Hz

Mode	Resolution	Horizontal Frequency (kHz)	Vertical Frequency (Hz)	Pixel Clock Frequency (MHz)	Sync Polarity (H/V)	1366 x 768	1920 x 1080
ISM	720 x 400	31.469	70.067	26.322	-/+	✓	✓
	640 x 480	35.500	60.000	30.240	-/-	✓	✓
MAC	800 x 600	48.750	75.000	40.500	-/-	✓	✓
	1152 x 870	68.681	75.062	100.000	-/-	✓	✓
	640 x 480	31.469	60.000	25.175	-/-	✓	✓
	640 x 480	37.861	72.000	31.500	-/-	✓	✓
	640 x 480	37.500	75.000	31.500	-/-	✓	✓
	800 x 600	48.077	72.188	60.000	+/-	✓	✓
	800 x 600	48.875	75.000	49.500	+/-	✓	✓
	1024 x 768	48.363	60.004	65.000	-/-	✓	✓
	1024 x 768	58.476	75.000	75.000	-/-	✓	✓
	1024 x 768	60.023	75.029	76.750	+/-	✓	✓
VESA DMT	1152 x 864	67.500	75.000	108.000	+/-	✓	✓
	1280 x 720	45.000	60.000	74.250	-/-	✓	✓
	1280 x 800	49.702	59.870	83.500	-/-	✓	✓
	1280 x 1024	63.981	60.020	108.000	+/-	✓	✓
	1280 x 1024	75.078	75.025	135.000	+/-	✓	✓
	1366 x 768	47.712	59.790	85.500	-/-	✓	✓
	1440 x 900	55.935	59.887	106.500	-/-	✓	✓
	1600 x 900	60.000	60.000	108.000	+/-	✓	✓
	1680 x 1050	65.290	59.954	146.250	-/-	✓	✓
	1920 x 1080	67.500	60.000	148.500	+/-	✓	✓

## Installing batteries (Battery size: AAA)

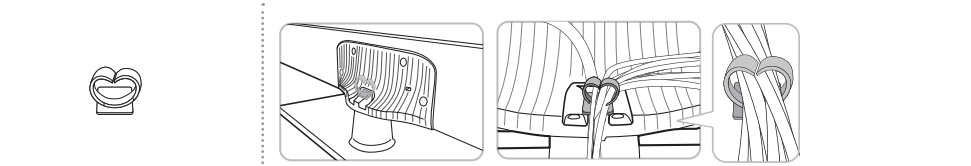


- NOTE
- Use the remote control within 23 feet from TV.
- Bright light may affect the performance of the remote control. Avoid using nearby special fluorescent light or neon signs.
- The Colour and shape may vary depending on the model.

## Getting Started

### Accessories

- Remote Control & Batteries (AAA x 2)
- Owner's Instructions
- Warranty Card / Regulatory Guide (Not available in some locations)
- Power Cord



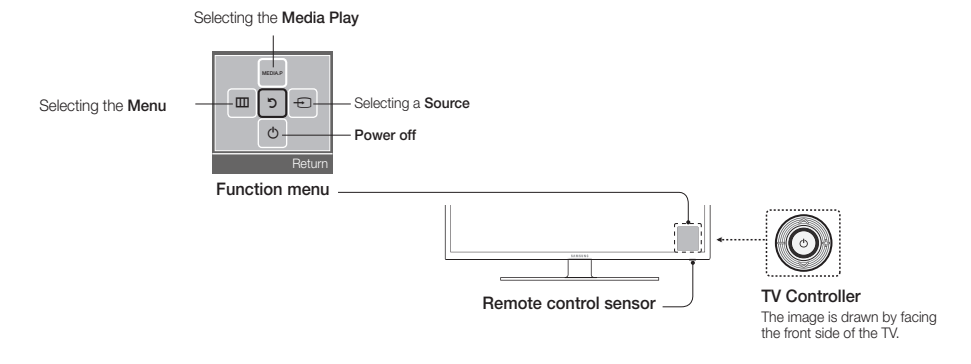
- Cable Holder(1EA)

Not for UA23H4003

### Input Cables (Sold Separately)

- Composite (AV)
- Component
- Coaxial (RF)
- HDMI
- HDMI-DVI

### TV Controller (Panel Key)



To close the **Menu**, **Media Play** List, or **Source** List, press the Controller for more than 1 second.

When selecting the function by moving the controller to the up/down/left/right directions, be sure not to press the controller. If you press it first, you cannot operate it to move the up/down/left/right directions.

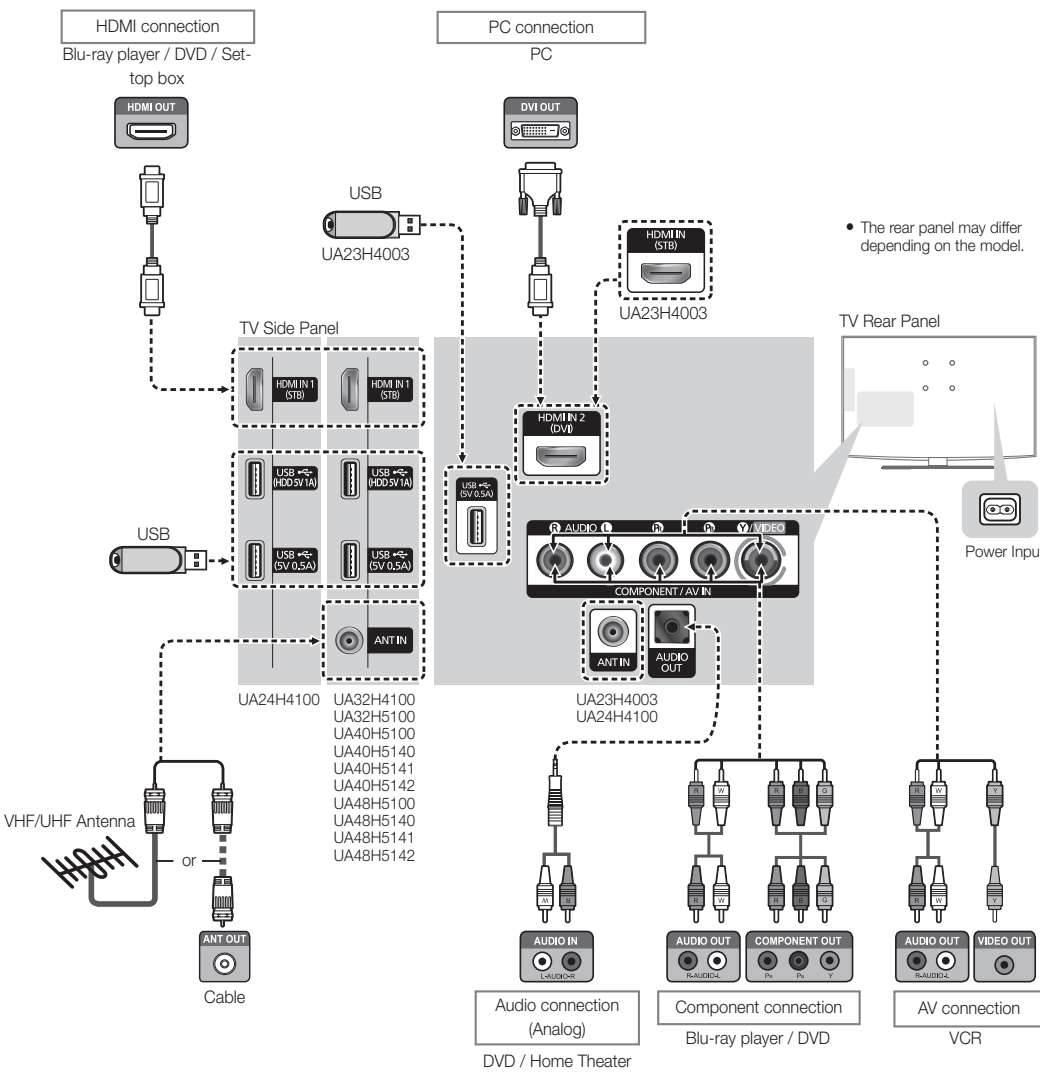
### Plug & Play (Initial Setup)

When you turn the TV on for the first time, a sequence of screens and on-screen prompts will assist you in configuring the TV's basic settings. Plug the power cord into a wall outlet, and then press the POWER button to turn on the TV. Set the initial setup following instructions that the TV guides.

- If you are not using a cable box or satellite box, make you sure have connected the TV to an Aerial or cable connection before you turn on the TV.
- Connecting the power cord and antenna. (refer to 'Connections')

## Connections

- For better picture and audio quality, connect to a digital device using an HDMI cable.
- The picture may not display normally (if at all) or the audio may not work if an external device that uses an older version of HDMI mode is connected to the TV. If such a problem occurs, ask the manufacturer of the external device about the HDMI version and, if out of date, request an upgrade.
- Be sure to purchase a certified HDMI cable. Otherwise, the picture may not display or a connection error may occur.
- PC/DVI AUDIO IN input is not supported.
- For HDMI/DVI cable connection, you must use the HDMI IN 2 (DVI) port.
- Connecting through the HDMI cable may not be supported depending on the PC.
- If an HDMI to DVI cable is connected to the HDMI IN 2 (DVI) port, the audio does not work.
- For Set-top box connection using HDMI cable, we highly recommend you to connect the HDMI IN 1 (STB) port.





## Support Menu

### Using the Media Play

Enjoy photos, music and/or movie files saved on a USB Mass Storage Class (MSC) device.



### Connecting a USB Device

- Turn on your TV.
- Connect a USB device containing photo, music and/or movie files to the USB jack on the side of the TV.
- When USB is connected to the TV, you can select **Media Play**.

### Using the Media Play Menu

- Press the MENU button. Press the ▲ or ▼ button to select **Support**, then press the ENTER button.
- Press the ▲ or ▼ button to select **Media Play (USB)**, then press the ENTER button.
- Press the ◀ or ▶ button to select an icon (**Videos**, **Music**, **Photos**), then press the ENTER button.

- It might not work properly with unlicensed multimedia files.
- If you want to view detailed information of the file being played, press TOOLS button in the file list, and then select **Information**.

Need-to-Know List before using **Media Play (USB)**

- Supported file systems are FAT and NTFS.
- Certain types of USB Digital camera and audio devices may not be compatible with this TV.

- Media Play** only supports USB Mass Storage Class (MSC) devices. MSC is a Mass Storage Class Bulk-Only Transport device. Examples of MSC are Thumb drives and Flash Card Readers. Devices should be connected directly to the TV's USB port. (LED 4000, 4003, 5000 series : USB HDD is not supported.) Does not support smart devices connected in MTP or FTP protocol.

- Before connecting your device to the TV, please back up your files to prevent them from damage or loss of data. SAMSUNG is not responsible for any data file damage or data loss.

- A USB device that requires high power may not be supported. (LED 4000, 4003, 5000 series : 0.5A) (LED 4100, 5100 series and above: 1A)

- Do not disconnect the USB device while it is loading.
- The higher the resolution of the image, the longer it takes to display on the screen.

- The maximum supported JPEG resolution is 15360 x 8640 pixels.

- If a file is corrupted or the TV does not support the file type, the "Not Supported File Format" message appears.

- If a USB extension cable is used, the USB device may not be recognized or the files on the device may not be read.

- The TV cannot play MP3 files with DRM that have been downloaded from a for-pay site. Digital Rights Management (DRM) is a technology that supports the creation, distribution, and management of digital content in an integrated and comprehensive way, including protecting the rights and interests of content providers, preventing illegal copying of contents, and managing billings and settlements.

- PTP device is not supported.
- If an over-power warning message is displayed while you are connecting or using a USB device, the device may not be recognized or may malfunction.
- The power-saving mode of some external hard disk drives may be released automatically when you connect them to the TV.
- If a USB device connected to the TV is not recognized, the list of files on the device is corrupted, or a file in the list is not played, connect the USB device to a PC, format the device, and check the connection.
- If a file you deleted from the PC is still found when you run **Media Play**, use the "Empty the Recycle Bin" function on the PC to permanently delete the file.
- Photos** only supports sequential jpeg format.
- The scene search and thumbnail functions are not supported in the **Videos**.
- If the number of files and folders saved on a USB storage device is approximately over 4000, the files and folders may not appear and some folders may not be opened.
- The maximum displayed number of files, including sub folders, in one folder of USB storage device is 2000.
- The media may not be playing smoothly when using the device higher than USB 2.0.
- The file name only works in supported menu language. The other language is not displayed properly.

#### Videos

- Press the ◀ or ▶ button to select **Videos**, then press the ENTER button in the **Media Play** menu.
- Press the ◀/▶/▲/▼ buttons to select the desired video in the file list.

- Press the ENTER button or [▶] (Play) button.

- The selected file is displayed on the top with its playing time.
- If video time information is unknown, playing time and the progress bar are not displayed.

- During video playback, you can search using the ◀ and ▶ button.
- You can use [◀] (REW) and [▶] (FF) buttons during playback.

- In this mode, you can play movie clips contained in a game, but you cannot play the game itself.

- Supported Subtitle Formats

- External

Name	File extension
MPEG-4 DivX text	.div
SAVI	.smi
SubRip	.srt
SubViewer	.sub
Micro DVD	sub or .txt
SubStation Alpha	.ssa
Advanced SubStation Alpha	.ass

- Internal

Name	Container	Format
AVI	AVI	Picture Format
SubStation Alpha	MKV	Text Format
Advanced SubStation Alpha	MKV	Text Format
SubRip	MKV	Text Format
MPEG-4 Timed text	MP4	Text Format

#### Supported Video Formats

File Extension	Container	Video Codec	Resolution	Frame rate/field	Bit rate/Max	Audio Codec
*.mp4	MP4	DivX 3.11.14.12.5 x86.D	1024x1080	6-30	20Mbps	MP3 / AAC / AAC
		H.264	1024x1080	6-30	20Mbps	MP3 / AAC / AAC
		VC1	1024x1080	6-30	20Mbps	MP3 / AAC / AAC
*.avi*.mvi	AVI/MOV	MPEG2	640x480	6-30	10Mbps	MP3 / AC3 / LPCM / ADPCM / DTS
		DivX 3.11.14.12.5 x86.D	1024x1080	6-30	20Mbps	MP3 / AC3 / LPCM / ADPCM / DTS
		MPEG2	1024x1080	6-30	20Mbps	MP3 / AC3 / LPCM / ADPCM / DTS
*.asf*.wmv	ASF	MPEG2	1024x1080	6-30	20Mbps	MP3 / AC3 / LPCM / ADPCM / DTS
		H.264	1024x1080	6-30	20Mbps	MP3 / AC3 / LPCM / ADPCM / DTS
		MPEG2	1024x1080	6-30	20Mbps	MP3 / AC3 / LPCM / ADPCM / DTS
*.18p*.17p	TS	H.264	1024x1080	6-30	20Mbps	AC3 / AAC / MP3 / DTS
		MPEG2	1024x1080	6-30	20Mbps	AC3 / AAC / MP3 / DTS
		MPEG2	1024x1080	6-30	20Mbps	AC3 / AAC / MP3 / DTS
*.dat*.m2p*.vob	PS	MPEG2	1024x1080	6-30	20Mbps	AC3 / MPEG2 / LPCM / AAC
		MPEG2	1024x1080	6-30	20Mbps	AC3 / MPEG2 / LPCM / AAC
		MPEG2	1024x1080	6-30	20Mbps	AC3 / MPEG2 / LPCM / AAC
*.3gp	3GP	MPEG2	1024x1080	6-30	20Mbps	MP3
		H.264	1024x1080	6-30	20Mbps	MP3
		MPEG2	1024x1080	6-30	20Mbps	MP3
*.3iv	3iv	MPEG2	1024x1080	6-30	20Mbps	MP3
		H.264	1024x1080	6-30	20Mbps	MP3
		MPEG2	1024x1080	6-30	20Mbps	MP3

#### Other Restrictions

- Video content will not play, or not play correctly, if there is an error in the content or the container.
- Sound or video may not work if the contents have a standard bit rate/frame rate above the compatible Frame/sec listed in the table above.

- If the Index Table is in error, the Seek (Jump) function is not supported.
- The menu may take longer to appear if the video's bit rate exceeds 10Mbps.

- Video content can not be played, if there are many contents in one file.

#### Video Decoder

Supports up to H.264, Level 4.1  
H.264 RMO / ASO / RS, VC1 SP / MP / AP L4 and AVCHD are not supported.

MPEG4 SP, ASP :  
- Below 1280 x 720: 60 frame max  
- Above 1280 x 720: 30 frame max

H.263 is not supported.  
GMC is not supported.

#### Audio Decoder

Supports up to WMA7, 8, 9, STD, 9 PRO, 10 PRO  
WMA 9 PRO and WMA 10 PRO support 5.1 channel. (LBR mode of WMA Pro is not supported.)  
WMA Lossless is not supported.

#### Music

- Press the ◀ or ▶ button to select **Music**, then press the ENTER button in the **Media Play** menu.

- Press the ◀/▶/▲/▼ buttons to select the desired Music in the file list.

- Press the ENTER button or [▶] (Play) button.

- During music playback, you can search using the ◀ and ▶ button.
- [◀] (REW) and [▶] (FF) buttons do not function during play.

- Only displays the files with MP3 file extension. Other file extensions are not displayed, even if they are saved on the same USB device.

- If the need to change **Equalizer** - when playing MP3, then exit **Media Play**, adjust the **Equalizer** in the **Sound** menu. (An over-modulated MP3 file may cause a sound problem.)

#### Photos

- Press the ◀ or ▶ button to select **Photos**, then press the ENTER button in the **Media Play** menu.

- Press the ◀/▶/▲/▼ buttons to select the desired photo in the file list.

- Press the ENTER button or [▶] (Play) button.

- NOTE**

- While a photo list is displayed, press the [▶] (Play) / ENTER button on the remote control to start the slide show.

- All files in the file list section will be displayed in the slide show.

- During the slide show, files are displayed in order.

- During the slide show, you can adjust the slide show speed using [◀] (REW) or [▶] (FF) button.

- You can move to other file using ◀ or ▶ button.

- Press TOOLS button and select **Background Music**. Music files can be automatically played during the Slide Show if the **Background Music** is set to **On**.

- The **Mode** is **Background Music** cannot be changed until the BGM has finished loading.

#### Supported Photo Formats

Image	Photo	Resolution
JPEG	Base-line	15360 x 8704
	Progressive	1024 x 768

#### Other Restrictions

CMYK, YCCK Colour space JPEG are not supported.

#### Playing multiple Files

Playing selected video/music/photo files

- Press the Yellow button in the file list to select the desired file.

- Repeat the above operation to select multiple files.

#### NOTE

- The "✓" mark appears to the left of the selected files.
- To cancel a selection, press the Yellow button again.

- To deselect all selected files, press the TOOLS button and select **Deselect All**.

#### Playing the video/music/photo file group

- While a file list is displayed, move to any file in desired group.

- Copying the files to the other USB device (For 4100 / 5100 models)

- Press the [▶] button in the file list to select the desired file.

- When you press the [▶] button, the selected files copy to the other USB device.

- Available only when both USB devices are connected to the TV.
- The FAT32 file system cannot copy the file which size is more than 4GB.

- Copy/Capture is only available for 4100/5100 models.
- The maximum number of marked files for one folder is 999, if to be continued, 1 more files can be marked in another folder.

- All file system format will be transformed to FAT32 system after formatting.

#### Media Play - Additional Functions

#### Videos/Music/Photos Play Option menus

When playing a file, press the TOOLS button.

Category	Operation	Videos	Music	Photos
Title	You can move the other file directly.	✓		
Repeat Mode	You can play movie and music files repeatedly.	✓	✓	
Picture Size	You can adjust the picture size to your preference.	✓		
Picture Mode	You can adjust the picture setting.	✓		✓
Sound Mode	You can adjust the sound setting.	✓	✓	
Subtitle Setting	You can play the video with Subtitles. This function only works if the subtitles are the same file name as the video.	✓		
Audio Language	You can change the audio language if the video has more than one language.	✓		
Stop Slide Show / Start Slide Show	You can start or stop a Slide Show.			✓
Slide Show Speed	You can select the slide show speed during the slide show.			✓
Background Music	You can set and select background music when watching a Slide Show.			✓
Zoom	You can zoom into images in full screen mode.			✓
Rotate	You can rotate images in full screen mode.			✓
Information	You can see detailed information about the played file.	✓	✓	✓

### DivX® Video On Demand

Shows the registration code authorized for the TV. If you connect to the DivX web site and register with 10-digit registration code, you can download the VOD activation file. Once you play it using **Media Play**, the registration is completed.

For more information on DivX® VOD, visit <http://vod.divx.com>.

### Using the Soccer Mode

#### Soccer Mode [TOOLS]

This mode provides optimised condition for watching sports games.

- A** Zoom: Pause playback and dived the picture into 9 parts. Select a part to zoom it in. Press this button again to resume.

- When **Soccer Mode** is **On**, the picture and sound modes are set to **Stadium** automatically.

- If you turn the TV off while watching **Soccer Mode**, the **Soccer Mode** will be disable.

### Using the Screen&Sound Capture mode

#### Screen&Sound Capture mode [ ]

This mode provides a way to capture the images and audio.

- Only available for UH4100/5100/5140/5141/5142.

- Press **[ ]** and the **Screen&Sound Capture** mode will be turned on, or press MENU button, enter **Support Menu** select **Screen&Sound Capture**. Press **[ ]** again the **Screen&Sound Capture** mode will be turned off.

- Before enabling the **Screen&Sound Capture** mode, the USB device should be connected first.

- Media Play** mode not available.

### Screen Capture

After turning on the **Screen&Sound Capture** mode, press [ ] to make a current screen capture.

Items are stored in Photos folder in **Media Play**.

- At least after 15 seconds the next capture can be operated again.

### Sound Recording

After turning on the **Screen&Sound Capture** mode, press [ ] to make a recording of the current sound, press [ ] again to stop the recording.

Items are stored in Music folder in **Media Play**.

- If you press any key, Audio Recording will be stopped.

### View Content

Press [ ] to get into **Media Play**.

Press ◀ or ▶ button to select **Music** for items of recording or **Photos** for items of capturing.

- Screen&Sound Capture** are for personal use only, not for commercial purpose and/or communication to the public.

- The user may not use these features for commercial purposes without prior approval from the copyright owners and/or to use it unlawfully.

- Samsung does not accept responsibility for any misuse of the service.

### Default Capture Device

You can set the default device for saving captured image files and recorded audio files.

- This function is only available when the USB device is connected the TV, and **Screen&Sound Capture** mode is on.

### Software Upgrade

**Software Upgrade** can be performed by downloading the latest firmware from "www.samsung.com" to a USB memory device.

### HD Connection Guide

You can read a guide to connect external devices for HD sources.

### Contact Samsung

View this information when your TV does not work properly or when you want to upgrade the software. You can find information regarding our call centres, and how to download products and software.

### Other Information

#### Installing the Wall Mount

The wall mount kit (sold separately) allows you to mount the TV on the wall. For detailed information on installing the wall mount, see the instructions provided with the wall mount. Contact a technician for assistance when installing the wall mount bracket.

Samsung Electronics is not responsible for any damage to the product or injury to yourself or others if you elect to install the TV on your own.

### Wall Mount Kit Specifications (VESA)

The wall mount kit is not supplied, but sold separately.

Install your wall mount on a solid wall perpendicular to the floor. When attaching to other building materials, please contact your nearest dealer.

If you install the TV on a ceiling or slanted wall, it may fall and result in severe personal injury.

- NOTE**

- Standard dimensions for wall mount kits are shown in the table below.

- When purchasing our wall mount kit, a detailed installation manual and all parts necessary for assembly are provided.

- Do not use screws that do not comply with the VESA standard screw specifications.

- Do not fasten the screws too firmly. This may damage the product or cause the product to fall, leading to personal injury. Samsung is not liable for these kinds of accidents.

- Samsung is not liable for product damage or personal injury when a non-VESA or non-specified wall mount is used or the consumer fails to follow the product installation instructions.

- Do not mount the TV for more than a 15 degree tilt.

- Always have two people mount the TV on a wall.

### To prevent the TV from falling

- Since the necessary clamps, screws, and string are not supplied, please purchase these additionally.

- Put the screws into the clamps and firmly fasten them onto the wall. Confirm that the screws have been firmly installed onto the wall.

- You may need additional material such as an anchor depending on the type of wall.

- Since the necessary clamps, screws, and string are not supplied, please purchase these additionally.

- Remove the screws from the back Centre of the TV, put the screws into the clamps, and then fasten the screws onto the TV again.

- Screws may not be supplied with the product. In this case, please purchase the screws of the following specifications.

- Connect the clamps fixed onto the TV and the clamps fixed onto the wall with a strong cable and then tie the string tightly.

- Note**

- \* Install the TV near to the wall so that it does not fall backwards.

- \* It is safe to connect the string so that the clamps fixed on the wall are equal to or lower than the clamps fixed on the TV.

- Verify all connections are properly secured. Periodically check connections for any sign of fatigue for failure. If you have any doubt about the security of your connections, contact a professional installer.

### Kensington Lock

The Kensington Lock is not supplied by Samsung. It is a device used to physically fix the system when using it in a public place. Refer to the manual provided with the Kensington Lock for additional information on proper use.

- Please find a "i" icon on the rear of the TV. The Kensington slot is beside the "i" icon.

- The position and colour may differ depending on the model.

- To lock the product, follow these steps:

- Wrap the Kensington lock cable around a large, stationary object such as desk or chair.

- Slide the end of the cable with the lock attached through the looped end of the Kensington lock cable.

- Insert the locking device into the Kensington slot on the product.

- Lock the lock.

- These are general instructions. For exact instructions, see the User manual supplied with the locking device.

- The locking device has to be purchased separately.

- The location of the Kensington slot may be different depending on the TV model.

### Troubleshooting

If you have any questions about the TV, first refer to this list. If none of these troubleshooting tips apply, please visit "www.samsung.com," then click on Support, or contact the call centre listed on the back-cover of this manual.